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सं० 7] नई दिल्ली, शनिवार, फरवरी 15, 1986 (माघ 26, 1907)
No. 7] NEW DELHI, SATURDAY, FEBRUARY 15, 1986 (MAGHA 26, 1907)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

(रक्षा मंत्रालय को छोड़कर) भारत सरकार के मंत्रालयों और उच्चतम न्यायालय द्वारा जारी की गई
सरकारी अफसरों की नियुक्तियों, पदोन्नतियों, छुट्टियों आदि से सम्बन्धित अधिसूचनाएं
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by the Ministries of the Government of India (other than the Ministry of Defence) and by the
Supreme Court]

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Calcutta, the 15th February 1986

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1—457 GI/85

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nadu, and the Union Territories of Pondicherry, Laccadive,
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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
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Calcutta-700 017.
Rest of India.

Telegraphic address "PATENTS".

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troller at the appropriate Offices or by bank draft or cheque,
payable to the Controller drawn on a scheduled bank at the
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CORRIGENDUM

(1)

In the Gazette of India, Part III, Section 2 dated 23rd November, 1985 under the heading "Complete Specification accepted" on page 827, Column 2,

- (i) in respect of Patent No. 156866, Application No. 1089/Cal/81, For inventor :

Kipak Kumar Nandy *Read* Dipak Kumar Nandy

(2)

In the Gazette of India, Part III, Section 2 dated 21st September, 1985 under the heading "Application for Patents filed in the Patent Office, Bombay Branch at Todi Estate, IIIrd floor, Sun Mill Compound, Lower Parel (West), Bombay-400 013" on page 691, column 3,

- (i) in respect of Patent Application No. 198/BOM/85 for "WNVEL"
read "NOVEL".

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

9th January, 1986

- 19/Cal/86. Nasiruddin Gayen. Nasir Patel Pump.
20/Cal/86. Rheinische Braunkohlenwerke AG. Briquette Moul for extrusion press.

13th January, 1986

- 21/Cal/86. Orissa Cement Limited and Dalmia Institute of Scientific & Industrial Research. Process for the manufacture of basic refractory bricks.
22/Cal/86. Interatom GmbH. Improvements in or relating to the filling of casting moulds with molten metal.
23/Cal/86. Spetsialnoe Konstrukorskoe Biuro Gidroimpulsoi Tekhniki Sibirskogo Otdelenia Akademii Nauk SSSR. Installation for explosion working of materials.

14th January, 1986

- 24/Cal/86. Beloit Corporation. Adaptive Constant Refiner intensity Control.
25/Cal/86. N. V. SKY Climber Europe S. A. Arrangement for lifting and lowering or for pulling loads.
26/Cal/86. SECK WING CHEE. Rotary Cutting Machines and Components therefor. (11th June, 1985 and 3rd July, 1985) United Kingdom.

15th January, 1986

- 27/Cal/86. Westinghouse Electric Corporation. Improvements in or relating to temperature monitoring system for an electric generator.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-5

16th December, 1985

- 1059/Del/85. Societe D'Applications Generales D'Electricite Et De Mecanique S A G E M., "Dc chopped power supply from an ac voltage".
1060/Del/85. BP Chemicals Limited. "Laminated construction having strippable layers". (Convention date 22nd December, 84) (U.K.).
1061/Del/85. Imperial Chemical Industries PLC., "Current leakage in electrolytic cell". (Convention date 28-12-84) (U.K.).

1062/Del/85. Sohan Lal Gupta, "Pollution reformer".

1063/Del/85. Sohan Lal Gupta, "Shaving blade sharpner".

1064/Del/85. Sushma Gupta, "Domestic gas indicator".

1065/Del/85. Ashok Kumar Gupta, "Fridge Cum hotcase".

1066/Del/85. Ashok Kumar Gupta, "Developed chess".

17th December, 1985

1067/Del/85. Union Carbide Corporation, "Hydrocracking catalysts and processes employing non zeolitic molecular sieves".

1068/Del/85. Videocolour, "Field former for an in line three beam colour television tube".

1069/Del/85. Union Carbide Corporation, "Hydrocracking catalysts and processes employing silicoaluminophosphate molecular sieves".

1070/Del/85 Shell Internationale Research Maatschappij B.V., "Process for the preparation of dimerization products from olefins". (Convention date 19-12-1984) (U.K.).

1071/Del/85. Hydro quebec, "Self controlled variable inductor with air gaps". (Convention date 16-1-1985) (Canada).

1072/Del/85. Bayer Aktiengesellschaft, "Process for the preparation of 4-nitrodiphenylamines".

1073/Del/85. Sulzer Brothers Limited, "Wheel, more particularly a picking band wheel of a weaving machine".

1074/Del/85. Ford Aerospace & Communications Corporation, "Pointing compensation system for spacecraft instruments".

18th December, 1985

1075/Del/85. T R Developments Limited, "Hydrogel forming polymers". (Convention date 18-12-84; 22-5-1985 & 29th July, 1985). (U.K.).

1076/Del/85. B P Chemicals Limited, "Stretchable cling film composition based on polyethylene".

1077/Del/85. Shell Internationale Research Maatschappij B.V., "Controlled degradation or cracking of alpha olefin polymers".

1078/Del/85. Aerospatiale Societe Nationale Industrielle, "A heating element for a defrosting device for a wing structure, such a device and a process for obtaining same".

18th December, 1985

1079/Del/85. The lubrizol Corporation, "Dispersant salts".

1080/Del/85. Urban Transportation Development Corporation Ltd., "Contactless powering of lim vehicle electrical system by recovery of lim slip power".

1081/Del/85. Urban Transportation Development Corporation Ltd., "Lim secondary reactance compensation and thrust control".

1082/Del/85. Jagadish Prakash Mathur, "Fire alarm call box or fire alarm actuating device".

1083/Del/85. UOP Inc., Reducing the temperature in a regeneration zone of a fluid catalytic cracking process".

19th December, 1985

1084/Del/85. Tobu Enterprises Pvt. Ltd., "An improved tri-cycle and an improved method of using the same".

1085/Del/85. Colgate Palmolive Company, "Liquid laundry detergent composition and method of use".

1086/Del/85. The Johnson Corporation, "Journal mounted rotary joint".

1087/Del/85. Colgate Palmolive Company, "Mixed surfactant laundry detergent composition of improving detergency and method of use".

1088/Del/85. The Johnson Corporation, "Rotary joint with balanced seals".

1089/Del/85. Krupp Polysius AG., "Percussion jig".

1090/Del/85. Dymax Corporation, "Tissue signature tracking transceiver".

1091/Del/85. Albright & Wilson Limited, "Pourable, non-sedimenting, aqueous based detergent compositions". (Convention date 5-2-82; 13-4-82; 2-7-82 & 23-12-82) (U.K.). [Divisional date 7th February, 1983].

20th December, 1985

1092/Del/85. Oxiteno S.A. Industria E Comercio, "Formation of additives and fuel alcohol with additive for use in diesel engines".

1093/Del/85. Council of Scientific and Industrial Research, "A process for hydrogenation of oils and other unsaturated compounds using clay loaded metal complexes as catalysts".

1094/Del/85. Council of Scientific and Industrial Research, "A process for the preparation of clay loaded metal complexes hydrogenation catalysts".

1095/Del/85. Crouzet, "Speed measuring device for a helicopter".

1096/Del/85. The Standard Oil Company, "Catalytic process for the preparation of polyamides from omega-aminonitriles".

23rd December, 1985

1097/Del/85. Videocolor, "Process and device for heating the electrode of an electron gun during its manufacture".

1098/Del/85. Videocolor, "Magnetic deflector with geometry correction for an in line three gun colour picture tube".

1099/Del/85. Videocolor, "Process for adjusting a deflection unit for a three aligned gun television tube and device for reducing to practice said process".

1100/Del/85. Videocolor, "Electron gun for cathode ray tube and especially for color television tube".

24th December, 1985

1101/Del/85. Council of Scientific and Industrial Research, "An improved two stroke engines".

1102/Del/85. Paladon (Engineering) Ltd., "Three phase separator".

1103/Del/85. Cesar Sumar, "A process for manufacturing synthetic material P.O.Y. monofilament yarns and the yarns produced by means of the process".

1104/Del/85. KMV Aktiebolag, "A means in the vat section of vat machine". (Convention date 7th June, 1985) (Canada).

1105/Del/85. Insulboard Pty. Ltd., "A foam composition".

1106/Del/85. IMI Titanium Ltd., "Formation of porous bodies". (Convention date 26th January, 1985) (U.K.).

1107/Del/85. The Lubrizol Corporation, "Cross linkable compositions containing non newtonian colloidal disperse systems".

1108/Del/85. Ferodo Ltd., "Improvements in or relating to clutch facings". (Convention date 11th January, 1985) (U.K.).

26th December, 1985

1109/Del/85. Sanjiv Kapoor & Pravin Kapoor, "Improvements in or relating to fountain pen/ball pen".

1110/Del/85. Ruhmkohle AG., Process for the production of a gasoline product from a crude light coal oil". [Divisional date 7th April, 1985].

1111/Del/85. The Secretary of state for trade and industry in her Britannic majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Piston and connecting rod assembly". (Convention date 11-1-85) (U.K.).

1112/Del/85. The Secretary of state for trade and industry in her Britannic majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Connecting rod" (Convention date 11th January, 1985) (U.K.).

1113/Del/85. The Secretary of State for trade and industry in her Britannic majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Damped spring". (Convention date 10th January, 1985) (U.K.).

30th December, 1985

1114/Del/85. Virendra Singh, "Manufacturing New and improved lung exerciser names as Pink city lung exerciser".

1115/Del/85. Societe d'Exploitation des Procèdes Marchal (SEPM), "A plug switch more particularly destined for high intensity currents".

1116/Del/85. ASEA Aktiebolag, "Insulation of electrodes in power transformers".

1117/Del/85. Sampanna Industries, "Tyre inflation pump".

1118/Del/85. Council of Scientific and Industrial Research, "Improvements in or relating to a process for the preparation of corrosion/scale inhibitors suitable for prevention of metallic corrosion and scale formation in systems using different grades of waters".

31st December, 1985

1119/Del/85. Fuller Company, "Method and apparatus for producing cement clinker including white cement".

1120/Del/85. Societe Europeenne De propulsion. "Ball valve".

1121/Del/85. Societe Principia Recherche Developpement, "Process designed to produce attenuation of the effects of swell".

1122/Del/85. Vsl International AG., "Prestressing anchor arrangement".

1123/Del/85. Council of Scientific and Industrial Research, "Process for the preparation of a stabilizer to inhibit auto-catalytic decomposition of hydrogen peroxide in sulphuric acid peroxide mixture containing metal ions produced during bright dipping and etching of copper and copper based materials".

1124/Del/85. Council of Scientific and Industrial Research, "A new technique for deposition of amorphous silicon film by glow discharge decomposition of silane in cascade reactors".

1125/Del/85. Council of Scientific and Industrial Research,
"A method of bonding a polymer on clay sur-
faces".

1126/Del/85. Council of Scientific and Industrial Research,
"Process for the preparation of geraniol based

saturated diethers useful as new insect control
agent".

1127/Del/85. Council of Scientific and Industrial Research,
"Improvement in or relating to a process for the
preparation of quinaldine from quinine".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, THIRD FLOOR,
SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013.

13-12-1985

337/Bom/1985	Ranjit Surrendrarao Deshmukh.	An improved infinite speed variator drive unit.
338/Bom/1985	Mohammed Salim Vohra	Nylon, Fibreglass & Polyester coated/clad- ed fibres; equipment for carrying out the same process and the polymer coated fibres pro- duced by the same process.

16-12-1985

339/Bom/1985	Larsen & Toubro Limited	A process for improving comparative tracking index (CTI) of moulded phenol formaldehyde components for electrical applications and such components obtained thereby.
340/Bom/1985	Ion Exchange (India) Ltd.	Improvements in or relating to filter material.
341/Bom/1985	Mahendra Harishachandra Bhatt, Gaurang Yashwantray Bhatt, Swarup Nandkishore Bhatt, Sanjay Yashwantray Bhatt.	A modified Rawhide jute pickers used in Jute Industries.

17-12-1985

342/Bom/1985	Ion Exchange (India) Ltd.	An adaptor for use in securing a strainer assembly to a strainer plate in a strainer filter.
343/Bom/1985	Ion Exchange (India) Ltd.	A continuous water filter comprising an elongated column.

18-12-1985

344/Bom/1985	Nirmal Pannalal.	Improvements in cam-type pipe-wrenches.
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APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600 002

23rd December, 1985

1020/Mas/85. International Business Machines Corpora-
tion. Image Processing System.

1021/Mas/85. International Business Machines Corporation.
Method and system for displaying images on a
display screen.

1022/Mas/85. Minnesota Mining and Manufacturing Com-
pany. Corrosion-Resistant Silver Mirror.

24th December, 1985

1023/Mas/85. Hoechst Aktiengesellschaft. Polyester Film.

1024/Mas/85. Hoechst Aktiengesellschaft. Oriented Plastic
Film.

1025/Mas/85. Tri-Star Data. A fastening device.

1026/Mas/85. Schubert & Salzer Maschinenfabrik Aktien-
gesellschaft. Open-end spinning apparatus.

1027/Mas/85. Union Carbide Corporation. A method of
controlling the temperature of a fluidized bed
during the production of polymers and a process
for producing polymers in a fluidized bed re-
actor. (Divisional to Patent Application No.
349/Cal/83).

1028/Mas/85. Schubert & Salzer Maschinenfabrik Aktien-
gesellschaft. An open and spinning machine
having a number of adjacent spinning stations
whose spinning elements are driven in common
by an overall drive, and a method of starting
spinning.

26th December, 1985

1029/Mas/85. Raychem Corporation. Dimensionally Re-
coverable Article. [(January 6, 1983; United
Kingdom). (Divisional to Patent Application
No. 2/Mas/84)].

1030/Mas/85. Nyugatmagyarországi Fagazdasági Kombinat.
Process for accelerating hardening of cement
with fibre-reinforced and cement-bound plates
and profiles respectively.

1031/Mas/85. Conpharm. Pharmaceutically active com-
pound and a method for its preparation.

1032/Mas/85. Honda Giken Kogyo Kabushiki Kaisha. A
method of manufacturing an electrocast shell
having permeability.

27th December, 1985

1033/Mas/85. Syntex (U.S.A.) Inc. Processes and inter-
mediates for making 16-Phenoxy-and 16-Substi-
tuted Phenoxy-Prostanoic Acid Derivatives and
their Stereoisomers. (Divisional to Patent Appli-
cation No. 1020/Mas/84).

1034/Mas/85. Shell Internationale Research Maatschappij
B.V. Process for the preparation of hydro-
carbons.

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600 002

30th December, 1985

1035/Mas/85. Minnesota Mining and Manufacturing Com-
pany. Absorbent nonwoven webs.

31st December, 1985

1036/Mas/85. Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. A process for producing vinyl chloride resin.

1st January, 1986

1/Mas/86. Widia (India) Limited. A Drill Holder.

2/Mas/86. Amsted Industries Incorporated. Slackless Railway Coupler Connection.

2nd January, 1986

3/Mas/86. P. Kandasubbu. A gully with or without drain-hole, arranged with filter, inner and outer casing pipes to purify and recharge used waste water into the ground for the purpose of water conservation.

ALTERATION OF DATE

157216. Ante dated to 14th June, 1979.
(1510/Cal/82)

157234. Ante dated to 26th June, 1980.
(1454/Cal/83)

157236. Ante dated to 24th September, 1981.
(284/Cal/84)

157259. Ante dated to 21st July, 1981.
(473/Cal/84)

157241. Ante dated to 23rd May, 1985.
(786/Cal/84)

157247. Ante dated to 28th April, 1980.
(479/Del/81)

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 201-D. 157214
Int. Cl. : C 02 b 1/00.

AN APPARATUS AND A PROCESS FOR DEGERMINATING FLUIDS BY ANODIC OXIDATION.

Applicant : PROF. DR. MED. AUGUST K. REIS, FAISTENBERGER STRASSE 1 D-8000 MUNCHEN 90, F. REP. OF GERMANY.

Inventor : 1. DR. ING. NORBERT KIRMAIER, 2. DIPL. ING. MEINOLF SCHOBERT.

Application No. 1335/Cal/82 filed November 15, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An apparatus for degerminating fluids by anodic oxidation comprising an electrolytic cell a pair of main electrodes opposed to each other in the electrolytic cell,

a voltage source connected to the main electrodes,

a plurality of auxiliary electrodes disposed between the main electrodes,

the main electrodes being biased for the fluid to flow through a region of varying potential.

Compl. Specn. 11 pages.

Drgs. 2 sheets.

CLASS : 195-D. & E.

157215

Int. Cl. : F 22 b 35/18; F 01 k 7/00.

LOAD CONTROL FOR ENERGY CONVERTERS-8.

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventors : 1. AZMI KAYA, 2. MARION ALVAH KEYES, 3. THOMAS JOSEPH SCHEIB.

Application No. 1453/Cal/82 filed December 16, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A load control apparatus for a system comprises of a plurality of energy converters, comprising, a first means generating a System Control Signal corresponding to the system load, a second means adjusting in parallel the energy output of each of said converters in accordance with changes in the System Control Signal, means for producing an individual incremental cost signal for each of said plurality of converters, means responsive to said last named signals, for generating (a) signal corresponding to the difference between the highest and lowest incremental cost, and (b) a signal identifying the generator having said lowest incremental cost and said highest incremental cost and means under the control of signals (a) and (b) increasing the energy output of the converter having the lowest incremental cost and simultaneously decreasing by a like amount the energy output of the converter having the highest incremental cost.

Compl. Specn. 11 pages.

Drgs. 2 sheets.

CLASS : 14-A.,

157216

Int. Cl. H 01 m 3/00.

A PROCESS FOR PRODUCING MICROPOROUS POLYMERIC ARTICLES.

Applicant : AMERACE CORPORATION, OF 555 FIFTH AVENUE, NEW YORK, NEW YORK-10017, UNITED STATES OF AMERICA.

Inventors : 1. BRUCE SAUL GOLDBERG, 2. MAHENDRA SHAH.

Application No. 1510/Cal/82 filed December 30, 1982.

Division of Application No. 617/Cal/79 dated 14th June, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims

A process for producing microporous polymeric articles of the type herein described such as for battery plate separators, microfilters, and having electrolyte transparency made of a sulfur-free, cured polymeric material of a pore size up to 2 microns and of a predetermined a flexibility comprising :

compounding a sulfur free curable composition of a curable rubber of the type described, ethylene and propylene rubber, or a mixture of same (the proportion of the components in the composition being as described hereinbefore) with a curative for curing the composition by electron beam irradiation, said curative being an ethylenically unsaturated curing agent, and rehydrated silica;

continuously forming a shape of said composition, and

continuously curing said formed shape by irradiation at an irradiation level of up to 10 megarads.

Compl. Specn. 35 pages.

Drgs. 2 sheets.

CLASS : 158-B₁.

157217

Int. Cl. : F 16 f 7/00.

DAMPING CORE ARTICULATED JOINT FOR MECHANICAL ARTICULATED ARM SYSTEMS SUBJECT TO VIBRATIONS.

Applicant : DAMP S.p.A., OF VIA VALLE DELLE FONTANE 24060 SEVERE (BERGAMO), ITALY.

Inventor : I. LORENZO CANTAMESSA.

Application No. 3/Cal/83 filed January 1, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A damping core articulated joint for mechanical articulated arm system subject to vibrations, wherein the articulation of the articulated joint is passed through by a hole of cross-section other than circular, characterized by comprising a body member formed of an elastomer ring core passed through by a through hole of cross-section other than circular, the core outside having a central annular band of planar pattern, to which two annular ridges are connected, said ridges diverging from opposite sides relative to said central band, as well as a tubular insert also of not circular cross-section, arranged within the through hole of the ring core and made of a stiffer material than that of the elastomer.

Compl. Specn. 7 pages.

Drg. 1 sheet.

CLASS : 32-F₂ c; 60-X₂ d.

157218

Int. Cl. C 07 d 7/00.

PROCESS FOR THE PRODUCTION OF (+)-CATECHIN α -MONOHYDRATE.

Applicant : ZYMA SA, OF ROUTE DE L'ETRAZ, 1260 NYON, SWITZERLAND.

Inventors : 1. DR. ERWIN MARTI, 2. OSKAR HEIBER, 3. DR. ALEXANDRE GUMMA, 4. DR. GUSTAVE HUBER, 5. ISAMU UTSUMI, 6. HIROSHI NAKAGAWA, 7. TATSUHIKO MIYATA, 8. KOICHI AKIMOTO.

Application No. 216/Cal/83 filed February 22, 1983.

Convention dated 24th February, 1982 (8205453) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process for the production of (+)-catechin α -monohydrate having in its X-ray powder diffraction spectrum obtained by using Cu : K α J-rays the following nine lattice distances and relative intensities :

Lattice Distance in A	Relative Intensities
1	2
7.17 \pm 0.10	Very strong
6.17 \pm 0.06	medium
5.95 \pm 0.06	medium
4.49 \pm 0.04	strong
4.20 \pm 0.04	strong
3.84 \pm 0.03	strong
3.65 \pm 0.03	very strong
3.41 \pm 0.02	medium
3.24 \pm 0.02	medium

which comprises seeding an aqueous solution containing any form or forms of (+) — catechin or its hydrates or mixtures thereof supersaturated as herein described solely with respect to (+)—catechin α —monohydrate with crystals of (+)—catechin α —monohydrate, allowing the (+)—catechin α —monohydrate to crystallize, and collecting the (+)—catechin α —monohydrate.

Compl. Specn. 43 pages. Drg. 4 sheets.

CLASS : 153.

157219

Int. Cl. : B 24 b 33/00.

CENTERLESS HONING OR GRINDING APPARATUS.

Applicant & Inventor : STEVE ALBERT RANDS, OF 3315 VILLA KNOLL'S DRIVE, PASADENA, CA 91107, U.S.A.

Application No. 253/Cal/83 filed March 1, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

Centerless external honing or grinding apparatus for externally curved workpieces, comprising three workpiece-engaging members rotatable about substantially parallel axes laterally spaced from each other in triangular configuration so as to define a central space for the passage of a workpiece and drive means for the powered rotation of at least one of said members, characterised in that at least one of said members constitutes a honing or grinding brush having a plurality of flexible bristles provided with abrasive material at their outer ends and extending outwardly from the centre of the brush in the form of a longitudinal helix which is so arranged in relation to the direction of rotation of the brush as to cause forward feeding of a workpiece through said central space by reason of the angularly directed contact of the abrasive outer ends of the bristles with the workpiece.

Compl. Specn. 19 pages.

Drgs. 4 sheets.

CLASS : 107-G.

157220

Int. Cl. : F 16 j 9/00.

PISTON RING;

Applicant : DANA CORPORATION, OF 4500 DORR STREET, P.O. BOX 1000 TOLEDO, OHIO 43697, U.S.A.

Inventor : I. DEAN S. BUNCE.

Application No. 289/Cal/83 filed March 9, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A piston ring comprising a parted annular metal body having axial side walls for seating in a ring groove and an outer peripheral surface, a groove extending entirely around said outer peripheral surface and defined in part by axially spaced lands disposed on said surface, a band of wear-resistant material in said groove for sealing engagement with a cylinder wall, said lands being respectively adjacent opposing axial edges of said band, and an overlapping joint construction at the parted ends of the ring comprising opposed planar surfaces extending essentially diagonally of the ring body and inclined at an acute angle relative to the plane of said ring, said surfaces terminating at said outer peripheral surface within one of said lands.

Compl. Specn. 10 pages.

Drgs. 2 sheets.

CLASS : 148-H.

157221

Int. Cl. : G 03 c 5/00.

A PROCESS OF PRODUCING A PICTURE FRAME HAVING AN IMAGE IMPRINTED THEREON AND AN APPARATUS THEREFOR.

Applicants : REGISTRAR, JADAVPUR UNIVERSITY, JADAVPUR, CALCUTTA-700032, WEST BENGAL, INDIA; AND ELECTRONICS COMMISSION, GOVERNMENT OF INDIA, E-WING, PUSHPA BHAVAN MADAN-GIR ROAD, NEW DELHI-110062, UNION TERRITORY OF DELHI, INDIA.

Inventors : 1. MANISH KR. MUKHAERJEE, 2. ALOK KUMAR GHOSH, 3. TARUN KUMAR RAY.

Application No. 347/Cal/83 filed March 15, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process of producing a picture frame having an image imprinted thereon characterized by the steps of :

- (i) charging a selenium photoreceptor plate and applying thereon and forming a temporary dielectric layer on the said selenium photoreceptor plate by applying a dielectric of opposite charge on the said plate and cascading a plurality of times till the surface of the plate is uniformly covered with the dielectric;
- (ii) charging the dielectric layer formed on the plate with some corona voltage on the charged selenium plate having the dielectric layer;
- (iii) covering the plate with charge dielectric layer with a black shutter and placing the same below the X-ray tube, placing the object to be photographed between the X-ray tube and the plate, exposing the object to X-rays for a predetermined time depending on the nature of the object to be X-rayed at selected plate voltage and plate current of the X-ray tube;
- (iv) cascading the dielectric layer on the selenium photoreceptor plate with beads having the same polarity of the charge on the said plate; and
- (v) placing a sheet of plain paper or a transparent polyester sheet on the cascaded layer, applying to the said sheet a charge of the polarity opposite to the charge on the selenium plate and fixing the picture formed on the sheet by exposure to vapour of a volatile chemical.

Compl. Specn. 14 pages

Drgs. 5 sheets.

CLASS : 68-C; 102-B.

157222

Int. Cl. : F 15 b 9/00.

AN ELECTRO-HYDRAULIC SERVO VALVE SYSTEM.

Applicant : VICKERS, INCORPORATED, OF 1401 CROOKS ROAD TROY, MICHIGAN 48064, UNITED STATES OF AMERICA.

Inventor : 1. LAFL BRENT TAPLIN.

Application No. 459/Cal/83 filed April 20, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

An electro-hydraulic servo valve system comprising a two-stage spool type servo valve including a first stage comprising an electrical force motor and a second stage including a spool for controlling flow to an actuator,

said force motor being operable upon receipt of a command electrical signal to move the spool,

first feedback means operable to cause the force motor to stop the movement of the spool at a predetermined position,

second feedback means operable to stop the movement of the spool at a predetermined position,

said second feedback means having a greater gain than said first feedback means so that said second feedback means normally dominates the system,

said second feedback means comprising a pair of identical electrical sensors connected in parallel,

and means for comprising the electrical signals from said sensors and operable when the signals deviate from one another by a predetermined amount to disable the second feedback means so that the first feedback means will function permitting the electro-hydraulic servo valve system to operate without the second feedback means.

Compl. Specn. 14 pages.

Drgs. 2 sheets

CLASS : 55-F.

155223

Int. Cl. : A 61 k 27/06.

PROCESS FOR THE PREPARATION OF ANTISPASMODIC COMPOSITIONS TO BE FIXED ON THE SKIN.

Applicant : CENTRAL EXCHANGE AND CREDIT BANK CO. INNOVATION FUND, BUDAPEST V. SZABADSAGTER 5-6 P.O. BOX 54, HUNGARY.

Inventor : 1. OTTO MATHIASZ.

Application No. 860/Cal/83 filed July 11, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Process for preparing antispasmodic compositions to be fixed on the skin, characterised in that onto some carrier surface or eventually mixed with mud one or more kinds of metal or metallic substances such as nobel metals, copper, zinc as hereinbefore described, lack, trace elements such as sulphur, iodine as hereinbefore described, are placed in an amount of 0.01 to 5 g/dm² plaster, as hereinbefore described, the lack, trace element and the active ingredients being present in the form of a powder, a liquid or in gaseous form while liquid and gaseous substances are placed into a recipient, e.g. a tag with a permeable wall onto the carrier, expediently on the margins of the carrier adhesive strip/s is/are formed, while the substances on the carrier are covered with a removable protective layer and if required, prior to the appliance of the substances on to the skin the carrier is pretreated as per standard procedure with a weak base or acid.

Compl. Specn. 20 pages.

Drg. nil.

CLASS 32 G, F₃d.

157224

Int. Cl. : C 07 c 49/66.

A METHOD FOR CONVERSION OF 2-METHYL NAPHTHALENE TO VITAMIN K₂(O).

Applicant : INDIAN INSTITUTE OF SCIENCE, BANGALORE-560 012, KARNATAKA.

Inventors : (1) MANGALORE VIVEKANANDA BHATT
(2) MARIAPPAN PERIASAMY.

Application No. 193/Mas/82 dated October 15, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims

A process for conversion of 2-methyl naphthalene to vitamin K₂(O) or 2-methyl 1, 4-naphthoquinone which comprises in preparing a solution of 2-methyl naphthalene by adding it to acetonitrile and sulphuric acid, and preparing a solution of ceric ammonium sulphate by the addition of sulphuric acid to the said sulphate, adding said solution of ceric ammonium sulphate to said solution of 2-methyl naphthalene, stirring said mixture to allow a precipitation of the cerous salt, removing the solution and extracting with ether, removing the solvent and purifying the residue containing 2-methyl 1, 4-naphthoquinone and separating 2-methyl 1, 4-naphthoquinone by method known per se.

Compl. 7 pages.

Drgs. 2 sheets.

CLASS : 184 :

157225

Int. Cl. : B 65 d 11/00.

A TANK FOR STORING AND DISPENSING A LIQUID INCLUDING MILK.

Applicant & Inventor : MRS. PRABHA SRIDHAR, C/O. B. N. SRIDHARA, 123, 6TH CROSS, RAJMAHAL VILAS EXTENSION, BANGALORE-560 080, KARNATAKA.

Application No. 222/Mas/82 filed November 16, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims

A tank for storing and dispensing a liquid including milk comprising a shell having inlet, outlet and a bag made of a flexible material enclosed by the shell and conforming in its fully inflated state to substantially the volume of the interior of the shell, the bag having inlet and outlet tubes protruding outside the shell through the inlet and outlet openings respectively, characterised by an air breathing opening provided in the shell such that when the bag is filled with the liquid through the inlet tube, the bag inflates to fill the interior of the shell, while the air outside the bag and within the shell escapes, through the air breathing opening and such that as the liquid is dispensed through the outlet tube the bag collapses correspondingly, while the air from atmosphere enters the shell through the air breathing opening.

Compl. 9 pages.

Drg. 1 sheet.

CLASS : 206-F.

157226

Int. Cl. : H 01 p 11/00.

A MICROPROCESSOR BASED MULTIPURPOSE LAND NAVIGATOR SYSTEM.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-600 036, TAMIL NADU.

Inventors : (1) AJOY RAMAN, (2) PROF. V. SESHADRI.

Application No. 226/Mas/82 filed November 20, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims

A microprocessor based multipurpose land navigator system for use with a vehicle comprising a magnetic heading sensor for providing an output signal proportional to the direction of the vehicle heading with respect to the earth's magnetic north; a wheel rotation sensor for providing an output signal related to the incremental distance travelled along the said direction; a programmable timer; a microprocessor unit including a key-board display interface, DAC (digital to analog converter) comparator, RAM (Random access memory) and EPROM (electrically programmable read out memory) chips, multiplexer and demultiplexer, the output of the magnetic heading sensor, wheel rotation sensor and timer being fed to the microprocessor, whereby the direction of travel, the incremental distance travelled along the said direction and the speed are determined; and an XY plotter connected to the microprocessor unit for real time plotting.

Compl. 15 pages.

Drg. 1 sheet.

CLASS : 45-G₁.

157227

Int. Cl. : —E 03 d (1/00+5/00).

A FLUSHING CISTERN.

Applicant & Inventor : BENNE NARASIMHAMURTHY SRIDHARA, 123, 6TH CROSS, RAJMAHAL VILAS EXTENSION, BANGALORE-560 080, KARNATAKA.

Application No. 236/Mas/82 filed November 30, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

A flushing cistern comprising a tank vented to atmosphere, the tank having a water inlet and a water outlet, the outlet being closed by one end of a weighted lever in one position thereof and opened by the lever in the other position thereof the said lever being operable between a closing position and a flushing position; heavy based bellows disposed over the said end of the lever, the top of the bellows being fixed and the base of the bellows being kept raised out of contact with the said end by hydraulic pressure whenever the tank contains water, the said bellows having a vent pipe and the base of the said bellows descending whenever the water in the tank is discharged to thrust the said end of the lever against the outlet to close it; spring-loaded bellows (provided with a vent pipe) connected to one end of a rod, the base of the said spring-loaded bellows descending under hydraulic pressure to draw a valve member at the other end of the rod against the inlet to close it whenever the tank is full of water, the said spring-loaded bellows however ascending, under spring resilience, whenever the water in the tank is discharged, to thrust the said other end of the rod away from the inlet to open it and let in fresh water.

Compl. 13 pages.

Drg. 1 sheet.

CLASS : 45-G₁ & 195-C.

157228

Int. Cl. : E 03 d 1/30.

A VALVE FOR A FLUSHING CISTERN.

Applicant & Inventor : BENNE NARASIMHAMURTHY SRIDHARA, 123, 6TH CROSS, RAJMAHAL VILAS EXTENSION, BANGALORE-560 080, KARNATAKA.

Application No. 242/Mas/82 filed December 13, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims

A valve for a flushing cistern comprising air-vented spring-loaded bellows disposed within the tank of the cistern, the bellows being connected to one end of a rod, the other end of the rod being provided with means for closing or opening the inlet of the tank, the bellows descending under hydraulic

pressure to draw the said other end of the rod against the inlet to close it whenever the tank is full of water, the bellows however ascending under spring-resilience, on discharge of water from the tank, to thrust the said other end of the rod away from the inlet end open it, to let in fresh water.

Compl. 5 pages.

Drg. 1 sheet.

CLASS : 86-E.

157229

Int. Cl. : A 47 b 81/04.

A PLATE RACK.

Applicant & Inventor : SYED IRFAN JAFFER, 8-2-468, ROAD NO. 5, BANJARA HILLS, HYDRABAD-500 034, ANDHERA PRADESH.

Application No. 257/Mas/82 dated December 23, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims

A plate rack comprising a frame constituted by two spaced vertical supports connected by horizontal members to form one or more tiers the said supports and horizontal members being attached together by screws; a plurality of spaced horizontal flats for supporting domestic utensils, such as, cups, tumblers and crockery, the flats spanning the extreme horizontal members of a tier and being attached thereto by screws; and a plurality of spaced vertical brackets also spanning the extreme horizontal members of a tier and being attached thereto by screws, the space between each pair of brackets receiving domestic utensils, such as, plates or dishes.

Compl. 7 pages.

Drgs. 2 sheets.

CLASS : 38.

157230

Int. Cl. : B 21 I 5/00.

A METHOD OF MANUFACTURING JOINTLESS CHAINS AND JOINTLESS CHAINS SO MANUFACTURED.

Applicant & Inventor : VENKATARAMIAH DIWAKAR, NO. 272, K. H. B. COLONY, I STAGE, VIJAYA NAGAR (NORTH), BANGALORE-560 079, KARNATAKA.

Application No. 260/Mas/82 filed December 28, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims

A method of manufacturing a jointless chain comprising the steps of casting a link of the chain in a split mould and, before moulding the second link, inserting the finished link in a recess provided in the split portions of the mould, the recess being positioned such that the link being cast is inter-linked with the finished link after moulding; and repeating the operation for any desired number of links to obtain a jointless chain.

Compl. 4 pages.

Drg. 1 sheet.

CLASS : 144A & 151B.

157231

Int. Cl. B 08 b 9/02.

AN APPARATUS FOR CLEANING A COATED PIPE.
Applicant : NETHIRASIGAMANI GOWRI, PROPRIETRIX, OF SHRIMAN ENTERPRISES, 30, THIRUPALLI STREET, MADRAS-600 001, TAMIL NADU.

Inventor : SIVASANKARAN NETHIRASIGAMANI.

Application No. 115/Mas/83 dated May 27, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2—457GT/85

16 Claims

An apparatus for cleaning coated pipes comprising an elongated mandrel having diameter less than the inner diameter of the pipe to be cleaned; a plurality of guide rollers for guiding the movement of the pipe around said mandrel along the entire length thereof; a plurality of clamping means having jaws to hold and grip the mandrel in position, said clamping means being mounted on a frame or bracket; means to selectively open each said clamping means to allow the pipe to pass over the mandrel smoothly and close the clamping means as soon as the entire length of the pipe passes through that particular clamping means; and at least one cleaning means fitted around said mandrel for uniformly cleaning the inner wall of the pipe whose entire length essentially passes over the point of location of said cleaning means.

Compl. 11 pages.

Drg. 1 sheet.

of size 33.00 cms. X 41.00 cms.

CLASS : 128-G.

157232

Int. Cl. A 61 b 19/00.

A NASAL OBTURATOR.

Applicant & Inventor : DR. SURESH DATTATREYE ISLOOR, SAHYADRI HOSPITAL, O.T. ROAD, SHIMOGA-577 202, KARNATAKA.

Application No. 136/Mas/83 dated June 21, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims

The invention relates to a nasal obturator comprising a plug fitting snugly into a nostril, one end of the plug being open while the other end of the plug is closed except for a small aperture, the plug having an air space within its interior, the open end and the aperture intercommunicating through the air space, whereby the flow of air from atmosphere, drawn into the nostril and passing through the plug, is restricted by the aperture.

Compl. 5 pages.

Drg. 1 sheet.

CLASS : 45-G.

157233

Int. Cl. : E 03 d 1/30.

AN INLET VALVE FOR A CISTERN.

Applicants & Inventors : ARUN SINHA, (2) NARENDRA GHORPADE, (3) VANKIPURAM RAMAMURTHY RAMARATHNAM, (4) VENPAKKAM COMANDUR SUNDARA DESIKAN, (5) VIJAY GHORPADE, (6) KOTA VENKATACHALAPATHY PAMANATH & (7) RANGA-NATHAN SRINIVASAN, ALL OF 53/1, KALAKSHETRA ROAD, MADRAS-600 041, TAMIL NADU.

Application No. 35/Mas/84 dated January 21, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

3 Claims

An inlet valve for a cistern comprising a rigid conduit accommodable within the cistern, the first end of the conduit connectable to the liquid inlet of the cistern; a flexible tube accommodable within the cistern, the first end of the tube being coupled to the second end of the conduit, with the second end of the tube open to the interior of the cistern; a buoyant member accommodable within the cistern and floatable on the liquid therein, the said member being attached to the tube at or near its second end, such that as long as the liquid level within the cistern is below a predetermined level, the said member, a float on the liquid at the said level, does not crimp the tube and thus permits flow of water from the inlet into the cistern, but as the liquid level rises, the said member also rising therewith, progressively flexes the tube to finally crimp it on reaching the predetermined level, hence regulating the liquid level.

Compl. 6 pages.

Drg. 1 sheet.

CLASS : 40-A₁.

157234

Int. Cl. : B 01 j 9/04.

REACTOR FOR HETEROGENEOUS SYNTHESIS UNDER PRESSURE.

Applicants & Inventor : AMMONIA CASALE S.A., OF 1, RIVA A. CACCIA, 6900 LUGANO, SWITZERLAND, AND UMBERTO ZARDI, OF VIA CASGAUSIO 19, 6900 LUGANO, SWITZERLAND.

Application No. 1454/Cal/83 filed November 26, 1983.

Division of Application No. 728/Cal/80 dated 6th June, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Radial-axial reactor for low-pressure synthesis, particularly for the catalytic synthesis of ammonia and methanol, the reactor involving the use of granulated catalysts in various shapes and with different characteristics arranged in one or more superimposed layers, characterised in that each catalyst layer is divided in two zones each running through by a different reactant gas flow, namely a first zone with a prevalently radial flow, and a second zone with a prevalently axial flow, this second catalytic zone acting also as sealing pad between catalyst layers; the gas flow being selectively controlled by any appropriate arrangement as, for example, described herein like perforations defining the reactant gas flow inlets provided with the walls of the modules which hold the first and second catalytic zones.

Compl. Specn. 20 pages.

Drgs. 3 sheets

CLASS : 32-F₂ a & c; 55-F.

157235

Int. Cl. : C 07 c 121/42.

NOVEL PROCESS FOR THE PREPARATION OF AMINONITRILES USEFUL FOR THE PREPARATION OF HERBICIDES.

Applicant : AMERICAN CYANAMID COMPANY, OF THE TOWNSHIP OF WAYNE, STATE OF NEW JERSEY, UNITED STATES OF AMERICA.

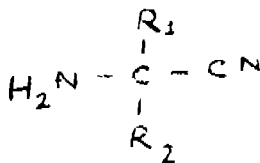
Inventors : 1. MATTHEW MICHAEL NIGRO. 2. WALTER JOSEPH STEPEK.

Application No. 179/Cal/84 filed March 13, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for the preparation of a compound of formula (I) of the accompanying drawings,



wherein R₁ is C₁-C₄ alkyl; R₂ is C₁-C₄ alkyl or C₃-C₆ cycloalkyl, and when R₁ and R₂ are not the same, the racemic mixtures and the optical isomers thereof; comprising : react-

ing one molar equivalent of a ketone of formula R₁-C-R₂ wherein R₁ and R₂ are as herein above defined, with a mixture of 2 to 10 molar equivalents of concentrated ammonium hydroxide and of 1 to 2 molar equivalents of hydrogen cyanide at a temperature range of from 25°C to 50°C for a period of time from 1 to 6 hours or until the reaction is essentially complete.

Compl. Specn. 22 pages.

Drg. 1 sheet.

CLASS : 129-Q.

157236

Int. Cl. : B 23 k 25/00, 35/22.

A FLUX FOR ELECTROSLAG WELDING.

Applicant : INSTITUT ELEKTROSVARKI IMENI E.O. PATONA AKADEMII NAUK UKRAINSKOI SSR, OF KIEV, ULITSА BOZHENKO, II, USSR.

Inventors : 1. ANATOLY NIKOLAEVICH SAFONNIKOV, 2. ANATOLY VLADIMIROVICH ANTONOV.

Application No. 284/Cal/84 filed April 28, 1984.

Division of Application No. 1064/Cal/81 dated 24th September, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A flux for electroslag welding, containing calcium fluoride, calcium oxide, and calcium chloride the ratio between calcium fluoride and calcium oxide being of 3 : 1 which together form 20 to 40% of the flux, the remainder being calcium chloride to make 100%.

Compl. Specn. 15 pages.

Drgs. 2 sheets.

CLASS : 17-E; 83-A₁.

157237

Int. Cl. : C 12 c 11/00.

A PROCESS FOR THE PRODUCTION OF YEAST EXTRACT FOR FOOD, PHARMACEUTICAL AND FERMENTATION INDUSTRIES.

Applicant : THE INDIAN YEAST COMPANY LIMITED, OF 4, BANKSHALL STREET, CALCUTTA-700 001, WEST BENGAL, INDIA.

Inventor : 1. DINESH KUMAR PALIWAL.

Application No. 343/Cal/84 filed May 18, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for the production of yeast extract for food, pharmaceuticals and fermentation industries by improved or modified autolysis which comprises the steps of—

- taking yeast cake (bakers' or distillers' or brewers' yeast) having 26-32% preferably 29-30% dry matter in a sterilised stainless steel vessel;
- adding alcohol to the said yeast cake at the rate of 6 to 15 litres per 100 kg of the cake;
- agitating the mash at a temperature of 34-39°C., preferably at 36-37°C. for a period of 8 to 24 hours whereby half of the total nitrogen as obtained in the form of -amino nitrogen;
- thereafter increasing the temperature of the mash to 45-55°C. and maintaining this temperature range for 20-30 hours till a special flavour develops in the autolysed slurry;
- holding the autolysed slurry of step (d) at temperature of 80-95°C., preferably 88-92°C. for a period of ¼ to 2 hours to de-activate the enzymes;
- subjecting the autolysed slurry of step (c) to clarification with yeast separators to obtain a concentrated slurry having 15-20% dry matter which is then subjected to dilution and centrifugation till more than 90% brights are recovered and evaporating the brights under vacuum at a temperature not above 70°C. to obtain a concentrated yeast extract;
- subjecting the concentrated yeast extract of step (f) to spray drying to obtain spray dried yeast or to a chilling temperature of 4-8°C. preferably 4-5°C. whereby yeast extract crystallises out, where-in

(h) salt (NaCl) is added at any of the stages (a) to (f) stated above, in an amount of 10-12% by weight of the yeast cake.

Compl. Specn. 11 pages.

Drg. Nil.

CLASS : 32-A₂.

157238

Int. Cl. C 09 b 47/04.

A PROCESS FOR THE PREPARATION OF WATER-SOLUBLE PHTHALOCYANINE COMPOUNDS CONTAINING A SULFONYL CYANAMIDE GROUP.

Applicant : HOECHST AKTIENGESSELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

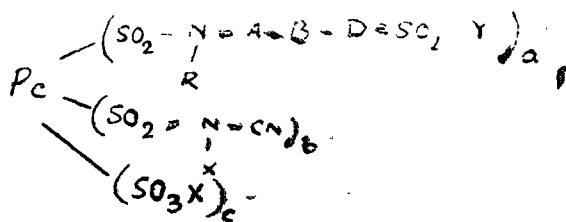
Inventor : 1. HARTMUT SPRINGER.

Application No. 349/Cal/84 filed May 22, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for the manufacture of a phthalocyanine compound of the general formula (1) of the accompanying drawings.



(1)

in which the symbols have the following meanings :

Pc is the radical of copper, cobalt or nickel phthalocyanine in which the phthalocyanine radical can also be substituted by chlorine or phenyl in the 3-position and/or 4-position of the carbocyclic aromatic rings of the phthalocyanine and in which the sulfonylcyanamide, sulfonamide and/or sulfonic acid groups are linked in the 3-position and/or 4-position of the carbocyclic aromatic rings of the phthalocyanine;

a is a whole or fractional number from 1 to 3;

b is a whole or fractional number from 1 to 3;

c is a whole or fractional number from zero to 2,

it being possible for a, b and c to be identical or different from one another, but the total of (a+b+c) is equal to a whole or fractional number from 2 to 4;

R is a hydrogen atom or an alkyl group having 1 to 4 C atoms;

A is a direct bond or a group of the general formula $-(CH_2)_m-$ or $-(CH_2)_n-NH-$

in which

m is a whole number from 1 to 4 and

n is a whole number from 2 to 6;

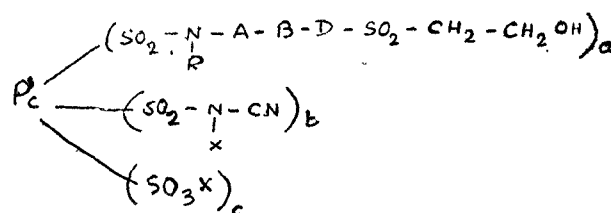
B is the phenylene or naphthylene radical which can be substituted by substituents, preferably 1 to 3 substituents, belonging to the group comprising alkyl having 1 to 4 C atoms such as methyl and ethyl, alkoxy having 1 to 4 C atoms, such as methoxy and ethoxy, halogen, such as chlorine and bromine, carboxy, sulfo carbamoyl, sulfamoyl, alkylsulfonyl having 1 to 4 C atoms carboalkoxy having 2 to 5 C

atoms, acetylamino and nitro; D is a direct bond or a radical of the formula $-CH_2-$ or

$-CH_2-CH_2-$,

Y is the β -sulfatoethyl or β -phosphatoethyl group;

X is hydrogen or the equivalent of a monovalent, bivalent, or trivalent metal, preferably sodium or potassium, which comprises reacting a compound of the general formula (1a)



(1a)

in which Pc, a, b, c, R, A, m, n, B, D, and X are defined as above, with an esterification agent selected from sulfating or a phosphating agents at a reaction temperature of from zero to 55°C.

Compl. Specn. 18 pages.

Drgs. 4 sheets.

CLASS : 56-B.

157239

Int. Cl. : B 01 j 11/00; C 10 g 35/00.

A PROCESS FOR PRODUCING A GAS RICH IN HYDROGEN, CARBON MONOXIDE AND SYNTHESIS GAS BY REACTING HYDROCARBONS WITH STEAM.

Applicant : UNITED CATALYSTS INC., LOUISVILLE, KENTUCKY, U.S.A.

Inventors : 1. KENTON ATWOOD, 2. JAMES HENRY WRIGHT.

Application No. 473/Cal/84 filed July 4, 1984.

Division of Application No. 819/Cal/81 dated 21st July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for producing a gas rich in hydrogen, carbon monoxide and synthesis gas by reacting hydrocarbons with steam which comprises the steps of contacting the hydrocarbons with steam at a temperature in the range of from 1000°F to 2500°F and at a pressure of 0 to 600 psig and at a steam to carbon mole ratio of from 1.5 : 1 to 8 : 1 in the presence of a catalyst comprising a Group VIII metal oxide deposited on a refractory support, said support having a surface area in the range of from .05 to 55 m²/gm and having two or more gas passages extending axially there-through from one end to the other, said catalyst having a Relative Activity Coefficient Factor (ACFR) and a Relative Pressure Factor (PFR) in excess of that when compared to a standard ring of 5/8" diameter x 3/8" height with a 1/4" hole through the center, said ACFR being in excess of 1 and the ratio of ACFR to PFR being in excess of 1 : 1 the height (H) of said support bearing a relationship to the effective internal diameter of each of said gas passages (ID), the ratio of H : ID being less than 4 : 1.

Compl. Specn. 35 pages.

Drgs. 4 sheets.

CLASS : 55-E4.

157240

Int. Cl. A 61 k 27/00.

A METHOD FOR PREPARING A THERAPEUTIC COMPOSITION CONTAINING PYRIDINE-SOLUBLE EXTRACT-REFINED DETOXIFIED ENDOTOXIN.

Applicant : RIBI IMMUNOCHEM RESEARCH, INC., 581 N.E. OLD CORVALLIS RD. HAMILTON, MONTANA 59840, UNITED STATES OF AMERICA.

Inventor : 1. JOHN LEONARD CANTRELL.

Application No. 677/Cal/84 filed September 25, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A method for preparing a therapeutic composition comprising combining a therapeutically effective amount of :

(a) a purified pyridine-soluble extract obtained by a method such as herein described from a microorganism such as herein described containing between 3% and 20% by weight of protein, between 10% and 40% by weight of sugar and between 35% and 60% by weight of fatty acids;

(b) a refined detoxified endotoxin having no detectable 2-keto-3-deoxyoctanoate and having between 375 and 475 nmoles/mg of phosphorus and between about 1700 and 2000 moles/mg of fatty acids; and

(c) a pharmaceutically acceptable carrier.

Compl. Specn. 24 pages.

Drg. Nil.

CLASS : 55-E4.

157241

Int. Cl. A 61 k 23/00.

METHOD OF PREPARING THERAPEUTIC COMPOSITION.

Applicant : RIBI IMMUNOCHEM RESEARCH, INC., OF N.E. 581 OLD CORVALLIS ROAD, P.O. BOX 1409, HAMILTON, MONTANA 59840, UNITED STATES OF AMERICA.

Inventor : 1. EDGAR ERNST RIBI.

Application No. 786/Cal/84 filed November 14, 1984.

Division of Application No. 641/Cal/83 dated 23rd May, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method of preparing a therapeutic composition useful for the treatment of cancerous tumors comprising :

homogenizing a therapeutically effective amount of refined detoxified endotoxin having no detectable 2-keto-3-deoxyoctanoate, between about 350 and 475 nmoles/mg of phosphorus, and between about 1700 and 2000 nmoles/mg of fatty acids and cell wall skeleton and combining the same with a pharmaceutically acceptable carrier.

Compl. Specn. 15 pages.

Drg. Nil.

CLASS : 32F2(b).

157242

Int. Cl. : C07d 27/56.

"A PROCESS FOR THE SYNTHESIS OF 3-SUBSTITUTED-9H-PYRIDO (3, 4-b)-INDOLES".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : ANIL KUMAR SAXENA, SHIV KUMAR AGARWAL, BRIJESH MALVIYA, HARISH CHANDRA AND NITYA ANAND.

Application for Patent No. 315/Del/80 filed on 28th April 1980.

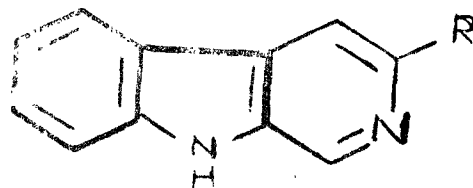
Complete specification left on 29th June 1981.

Divisional to Patent application No. 189/Del/84 and 190/Del/84 have been filed.

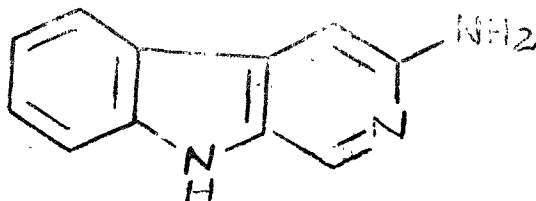
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch New Delhi-5.

3 Claims

A process for the synthesis of 3-substituted-9H pyrido (3, 4-b) indoles of formula (I)



comprising reacting an 3-amino 9H-pyrido-(3, 4, b) indole of formula (VII).



with RNCX wherein R' is NH-C(=O)-NH-R is an aryl, alkyl, like phenyl ethyl, butyl, carboethoxy radical and X is O or S.

(Provisional Specification 5 pages).

Compl. Specn. 5 pages.

Drg. 1 sheet.

CLASS : 32F2(b).

157243

Int. Cl. : C07d 57/00.

A PROCESS FOR THE SYNTHESIS OF 9H-PYRIDO

A process for the synthesis of 9H-pyrido-(3-4-b)-indole-3-carboxamides of formula II

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor : SHIV KUMAR AGARWAL, ANIL KUMAR SAXENA, BRIJESH MALVIYA, HARISH CHANDRA, AND NITYA ANAND.

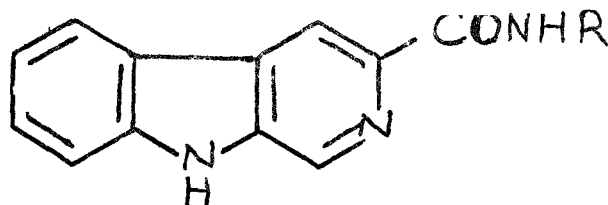
Application for Patent No. 316/Del/80 filed on 28th April 1980.

Complete Specification left on 25th July, 1981.

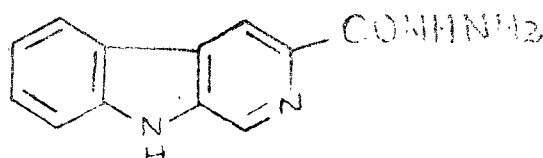
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the synthesis of 3-substituted-9H-pyrido (3,4-b) indoles of formula (II)



comprising reacting 9H-pyrido (3-4-b) indole-3- carboxylic acid hydrazide of formula I



with a compound of formula $R'-X$ wherein X is $-NCS$ or $-CHO$ groups in the presence of organic polar solvents wherein R is $-NHCSNHR'$ or $-N=CH-R'$ radical and R' is a phenyl or substituted phenyl radical where the substituents are fluoro, bromo, chloro, radicals, alkyl like methyl, ethyl, propyl or alkoxy like methoxy or ethoxy radicals.

(Provisional Specification 4 pages).

Compl. Specn. 5 pages.

Drg. 1 sheet.

CLASS : F03D.

157244

Int. Cl. : F03d 3/00, 7/00.

"An IMPROVED WIND ENERGY CONVERTER".

Applicant : KAPUR SINGH AND KAKA SINGH, BOTH INDIAN NATIONALS OF A-791, PREM NAGAR, NABI KARIM, PAHAR GANJ, NEW DELHI, INDIA.

Inventors : KAPUR SINGH AND KAKA SINGH.

Application for Patent No. 416/Del/81 filed on 29th June, 1981.

Complete specification left on 1st July, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

13 Claims

An improved wind energy converter comprising a support for supporting a rotor assembly consisting of at least a first rotor and a second rotor, spaced from each other each of said rotors comprising a plurality of blades secured to its shaft, the blades of the two rotors lying in the same vertical plane, a single driven shaft adapted to be driven by the said first and the second rotors, the blades of the two rotors rotating in opposite directions each assisting the rotation of the other.

(Provisional specification 8 pages).

Compl. Specn. 15 pages.

Drgs. 3 sheets.

CLASS : 32 f₂(b).

157245

Int. Cl. C07d 55/00.

"A PROCESS FOR THE SYNTHESIS OF 3-SUBSTITUTED TRIAZOLYL-9H-PYRIDO (3, 4-b) INDOLES".

Application : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110 001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor : SHIV KUMAR AGARWAL, ANIL KUMAR SEXENA, BRIJESH MALVIYA, HARISH CHANDRA, NITYA ANAND.

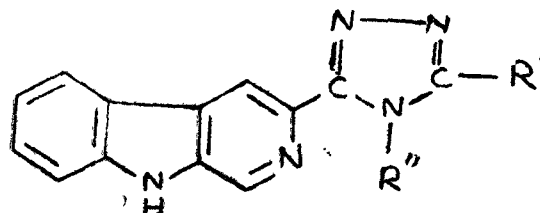
Application for Patent No. 479/Del/1981 filed on 25th July, 1981.

Divisional to Patent application No. 316/Del/80 filed on 28th April, 1980.

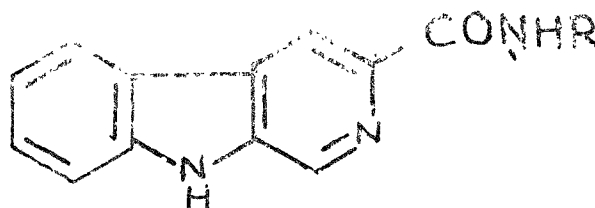
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the synthesis of 3-substituted triazolyl-9-H-pyrido (3-4-b) Indoles of formula II



wherein R is SH S-alkyl, radicals, R'' is phenyl or substituted phenyl radicals, the substituent being fluoro, bromo or chloro radicals of alkyl like methyl, ethyl or propyl radicals or alkoxy like methoxy or ethoxy comprising cyclising a substituted 9-H-pyrido-(3-4-b) Indole-3 carboxamides of formula I



where R is $NH-C-SN''$ where R'' is as defined above, by treatment with 4% $NaOH$ solution, and converting the cyclised product, if desired, to marcap to derivatives by treatment with appropriate alkyl halides in an organic polar solvent.

Compl. Specn. 5 pages.

Drg. 1 sheet.

CLASS : 204.

157246

Int. Cl. : G 01 r 13/00.

"BULK MATERIAL WEIGHING AND METERING CONVEYOR SYSTEM".

Applicant : STOCK EQUIPMENT COMPANY, OF 731 HANNA BUILDING, CLEVELAND OHIO 44115, U.S.A., A CORPORATION OF THE STATE OF OHIO, UNITED STATES OF AMERICA.

Inventor : ALAIN FINET; LOUIS ROBERT NERONE & MICHAEL JOHN ZENISEK.

Application for Patent No. 526/Del/1981 filed on 19th August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

A bulk material weighing and metering conveyor system with an endless belt having markets thereon, a load cell power supply which produces a preselected tare compensation signal, a load cell coupled to said belt, said load cell being

powered by said supply, said load cell producing a tare-adjusted bulk material weight analog signal that comprises a weight signal and a tare signal, a switching control for transferring said tare-adjusted bulk material weight analog signal and/or said preselected tare compensation signal to summation means; and a multiplier which multiplies the output of said summation means with the belt speed to produce a signal that represents the load rate of the material being metered by said system; switching means being coupled to said switching control for permitting the weighting of said empty belt by selectively switching said weight signal with a preselected tare compensation signal; an optical detector optically coupled to said markers on said belt, said detector measuring the distance travelled by said belt by counting the markers on said belt; a first counter having its input coupled to the output of said switching means and said detector, said first counter being preset to the number of markers affixed to said belt by said switching means, said switching means also causing said first counter to begin counting the output of said multiplier until said first counter counted equals said present number; a second counter coupled to the output of said first counter, said switching means and said multiplier, said first counter adding in its up mode the output of said multiplier with said belt empty to obtain its weight for one belt revolution and subtracting in its down mode, the output of said multiplier with said belt empty and said weight analog signal removed and substituted with said tare compensation signal for one belt revolution, and by manually adjusting the tare compensation signal belt weight cancellation will be obtained when said first counter's up count equal said first counter's down count.

Compl. Specn. 15 pages.

Drsg. 1 sheet.

CLASS : 206 EH₂.

157247

Int. Cl. : F 15b 21/12; F 23k 3/00; G 05b 7/06; F 27d 21/00; G 01t 1/18 and B 65g 53/66.

Applicant : MERRICK SCALE MANUFACTURING COMPANY, OF 1801192 AUTUMN STREET, PASSAIC, NEW JERSEY 07055, U.S.A., A NEW JERSEY CORPORATION.

Inventors : DONALD WILLIAM LAPLANTE; ARTHUR FAIRCHILD AND EUGENE LEROY REBUCCI.

Application for Patent No. 581/Del/1981 filed on 10th September, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

An apparatus for monitoring the flow of coal from a coal bunker or supply through a conduit to a feeder belt which then delivers the coal to a pulverizer for the purpose of giving warnings if the conduit is empty or low of coal, comprising a radiation sensitive detector mounted on the conduit for determining the amount of coal present in a zone in the conduit and issuing a pulse signal indicative of the coal present in said zone and a coal pipe monitor connected to said detector, said monitor including a signal generator for measuring said pulse signal for determining whether the amount of coal in said zone during a set interval of time is within a preselected value and for generating a signal indicative of the amount of coal.

Compl. Specn. 31 pages.

Drsgs. 7 sheets.

CLASS : 159 A.M. & 206 F.

157248

Int. Cl. : B61 F 1/18, 29/00 & G06f 15/40.

"COMMUNICATION CHANNEL SYSTEM".

Applicant : WESTINGHOUSE BRAKE AND SIGNAL COMPANY LIMITED, A BRITISH COMPANY OF FOUNDRY LANE, CHIPPENHAM, WILTSHIRE, ENGLAND, FORMERLY OF 3 JOHN STREET, LONDON WC1N 2ES, ENGLAND.

Inventors : JOHN DOUGLAS CORRIE & MARK ARTHUR TOOLEY.

Application for Patent No. 588/Del/81 filed on 14th September, 1981.

Convention date October 7, 1980/8032218/(U.K.) & March 21, 1981/8108925/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A communication channel system of the kind for the transmission of information of a quasi-static nature in which a first event is represented by the continuous transmission of a predetermined coded signal forming a characteristic signature of the origin of a transmission and a second event is represented by the continuous transmission of the coded signal modified in a predetermined manner, the apparatus of the channel comprising a transmitter to the input of which is connected to a coded signal generating means operative to continuously repeat at a first frequency either the signal for the first event or the signal for the second event, and a receiver the output of which is connected to a first detector means responsive to the repeated coded signal to provide a channel output and there is further included an error generating means connected between the signal generating means and the transmitter to further modify a transmitter input signal by periodically introducing an error at intervals determined by the period of a second frequency which is relatively lower than the first frequency & also characteristic of the origin of the transmission, and a second detector responsive to the errors at the second frequency is connected, in combination between the receiver and the channel output to provide double verification of the origin of the transmission and to provide the channel output only if the coded signal and the error signal are as predetermined for that channel.

Compl. Specn. 26 pages.

Drsgs. 6 sheets.

CLASS : 133 A.

157249

Int. Cl. H02p 1/26, 1/00, 1/42.

"APPARATUS FOR CONTROLLING INDUCTION MOTORS".

Application : NATIONAL RESEARCH DEVELOPMENT CORPORATION, A BRITISH CORPORATION ESTABLISHED BY STATUTE, OF 66-74 VICTORIA STREET, LONDON SW1, ENGLAND.

Inventor : PETER JOSEPH UNSWORTH.

Application for Patent No. 594/Del/81 filed on 16th September, 1981.

Convention date 26th September, 1980/8031129/(U.K.), 6th February, 1981 8103681/(U.K.) & 29th June, 1981/8119931/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

18 Claims

A power controller for an induction motor comprising at least one switching means for connection between an alternating current electrical supply and an induction motor which is to be energised from the supply, there being one said switching means for each phase of the supply connected between respective supply and motor terminals of the controller for that phase, and each of said switching means becoming a conductive when a trigger signal is applied to that switching means and remaining conductive until current there through ceases, means for generating a time reference signal representative of time elapsed, monitor means coupled to the switching means, the means for generating the time reference signal and, in operation, to receive the supply voltage, the monitoring means being arranged to derive a monitoring signal representative of respective intervals between a zero in the voltage waveform of at least one phase of the supply and the

next cessation of current in that phase which precedes current reversal therein by determining the change in the time reference signal between each said zero in voltage and the next said cessation in current, and control means for generating the trigger signals, the control means being connected to the output of the monitor means and to supply trigger signals to the switching means and the control means being responsive to the monitoring signal to change the time relationship between the supply waveform and the trigger signals in that sense which shortens the conduction period of the switching means when the said intervals tend to increase and vice versa.

Compl. Specn. 32 pages.

Drgs. 6 sheets.

CLASS : 166 B.

157250

Int. Cl. : B63b 21/24.

"ANCHOR".

Applicant : ROB VAN DEN HAAK, OF ALLEGRO 114, 2925 BG KRIMPEN A/D LISSEL, THE NETHERLANDS, A CITIZEN OF THE NETHERLANDS.

Inventor : ROB VAN DEN HAAK.

Application for Patent No. 611/Del/81 filed on 23rd September, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

10 Claims

An anchor comprising a fluke, a V-shaped twin shank fixedly connected to said fluke, the shank having two shank legs defining its V-shape, each shank leg being a wide flat member with wide flat surfaces located in planes which intersect along a first line substantially parallel to an axis of the fluke, the legs being arranged so that when the anchor penetrates soil, the soil is displaced through a tunnel formed between the legs, the tunnel being of substantially constant cross sectional area in the direction of displacement of the soil through the tunnel, the shank legs being positioned so that second lines along each of the shank legs parallel to the fluke when projected onto the fluke averaged long the height of the shank, makes an angle from zero to 9 degrees with the fluke axis in the rearward direction of the anchor.

Compl. Specn. 18 pages.

Drgs. 5 sheets.

CLASS : 51D.

157251

Int. Cl. : B26b 21/16.

"SHAVING IMPLEMENT INCLUDING A HOUSING AND BLADE MEANS".

Applicant : THE GILLETTE COMPANY, A CORPORATION ORGANIZED UNDER THE LAW OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF PROSIDENTIAL TOWER BUILDING, BOSTON, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors : ROBERT ANTHONY TROTTA.

Application for Patent No. 615/Del/1981 filed on 25th September, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

An shaving implement including a housing and blade means, said housing including a platform portion, a back portion upstanding from a lengthwise margin of said platform portion and a cap portion extending from said back portion and overlying said platform portion, wherein leg portions extend forwardly from said platform portion and join a guard portion, and wherein said platform portion has a series of aligned recesses therein adjacent said back portion and separated by rib portions and said cap portion has a series of spaced, aligned, forwardly extending fingers each disposed over one of said recesses, and wherein said blade means is disposed

between said fingers and said rib portions, said fingers providing spring means adapted to flex to receive said blade means and to urge said blade means against said rib portions, and said blade means presenting at least one cutting edge between said guard portion and said cap portion.

Compl. Specn. 9 pages.

Drg. 1 sheet.

CLASS : 61F.

157252

Int. Cl. : F26b 15/00.

"A BAGASSE DRYER".

Applicant : SHRI ANIL CHANDRA RAHA, OF 10/429, KHALASI LINE, KANPUR, INDIA 208 001, AN INDIAN NATIONAL.

Inventor : ANIL CHANDRA RAHA.

Application for Patent No. 632/Del/81 filed on 30th September, 1981.

Complete specification left on 15th September, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A bagasse dryer for drying mill wet bagasse comprising a cylindrical chamber, a fixed structure and a fixed housing, wherein the said cylindrical chamber is provided with a helical scroll and a number of buckets disposed on its inside surface and a gear arrangement and drive on its outside surface, the said cylindrical chamber resting on at least two pair of supporting rollers and free to rotate around its axis, the said fixed structure being provided with a hot gas inlet and a bagasse feeder disposed at the feed end of the cylindrical chamber, the said discharge housing being provided with a conical bottom and a gas exit at the top and disposed at the discharge end of the cylindrical chamber.

Provisional specification 6 pages.

Compl. Specn. 8 pages.

Drg. 1 sheet.

CLASS : 205G & 136 M.

157253

Int. Cl. : B60c 9/00, B29h 17/00.

"APPARATUS FOR ASSEMBLING TYRE CORD".

Applicant : W & A BATES LIMITED, A BRITISH COMPANY OF 19 NEW BRIDGE STREET, LONDON EC4V 6BY, ENGLAND.

Inventor : ANTHONY RICHARD WRIGHT.

Application for Patent No. 645/Del/81 filed on 6th October, 1981.

Convention date 16th October, 1980/803332/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

14 Claims

Apparatus for assembling tyre cord to make tyre breaker fabric comprising in the order set out, a tyre cord laying head arranged to lay tyre cord in zig-zag formation between a pair of spaced-apart edge forming units, each edge forming unit comprising a loop holding pin extending perpendicular to the assembly of tyre cord being made and a pincher head engageable about said holding pin, a collector and holding unit for collecting the zig-zag assembly of cords from the holding pins and means adjacent to the holding unit for applying elastomer to the cord assembly.

Compl. Specn. 16 pages.

Drgs. 2 sheets.

CLASS : 108 C3.

157254

Int. Cl. : C21 c 1/02.

"AN IMPROVED PROCESS FOR THE DESULPHURISATION OF FERROUS MELTS IN THE IRON AND STEEL INDUSTRY".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : DHURBA JYOTI CHAKRABARTI, SUSHIL KUMAR BISWAS AND VISHWANATH ANANT ALTEKAR.

Application for Patent No. 666/Del/1981 filed on 14th October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

An improved process for the desulphurisation of ferrous melts in the iron and steel industry by treatment with chemical additives wherein the improvement comprises in that the ferrous melt is treated with an additive admixture of fluorspar, lime, and silica.

(Complete Specification 6 pages).

CLASS : 40 H.

157255

Int. Cl. F25j 1/00.

"PROCESS FOR REMOVAL OF SULFUR COMPOUNDS FROM A GAS STREAM".

Applicant : THE GOODYEAR TIRE & RUBBER COMPANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, HAVING OUR PRINCIPAL PLACE OF BUSINESS AND A POST OFFICE ADDRESS AT 1144, EAST MARKET STREET, AKRON, OHIO, UNITED STATES OF AMERICA.

Inventors : KENNETH JAMES FRECH & JAMES JUNICHI IAZUMA.

Application for Patent No. 673/Del/1981 filed on 16th October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A process for removing hydrogen sulfide, sulfides and mercaptans from a natural gas stream for making it suitable for industrial applications which comprises the steps in combination of :

- contacting the natural gas stream with an oxide of a metal selected from the group consisting of iron, chromium, cobalt, lead manganese, molybdenum, nickel, copper, vanadium, zinc, tungsten and antimony;
- introducing an aqueous solution of hydrogen peroxide on the metal oxide while continuing to contact the gas stream with the metal oxide and removing said hydrogen sulfide, sulfides and mercaptans by a method known per se.

(Complete specification 23 pages).

CLASS : 29 D & 198 D.

157256

Int. Cl. : B 03b-3/36, 13/04 & F 15c-104.

"SETTLING MACHINE WITH A PROGRAMMABLE MEMORY CONTROL DEVICE".

Applicant : KLOCKNER-HUMBOLDT-DEUTZ AKTIENGESSELLSCHAFT, OF DEUTZ-MULHEIMER-STRASSE 111, 5000 KÖLN 80, FEDERAL REPUBLIC OF GERMANY, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventor : KARL HEING WIEFFEN.

Application for Patent No. 682/Del/1981 filed on 20th October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

12 Claims

A settling machine which comprises a feed apparatus for feeding raw material to be separated to a perforate support in a separating tank, said separating tank having a separating liquid and air-pulsed excitation chambers therein for creating a pulsation movement of the separating liquid, liquid level sensing probes, extending over the entire height of the excitation chambers to provide corresponding electrical signals, and in which there are operating components and auxiliary systems which are operable to aid in separating the material and removing the separated constituents including air supplies, a lubricating supply, a hydraulic supply and removal conveyors and wherein there are sensors at each of the operating components and auxiliary systems operable to produce status signals indicating the operating state of the respective operating components and auxiliary systems, and a programmable control device connected to the operating components and auxiliary systems and to said sensors, said control device including a programmable memory storing a program for controlling operation of the machine and operable to control the operation of said components and systems in accordance with said program.

Compl. Specn. 20 pages.

Drgs. 5 sheets.

CLASS : 113 L.

157257

Int. Cl. : F21m 3/00.

"IMPROVED HEADLAMP CONSTRUCTION FOR AUTOMOBILES".

Applicant : RANJII BHANDARI AN INDIAN CITIZEN, OF 29 COMMUNITY CENTRE, EAST OF KAILASH, NEW DELHI-110 065.

Inventor : RANJII BHANDARI.

Application for Patent No. 685/Del/1981 filed on 22nd October, 1981.

Complete specification left on 22nd January, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

14 Claims

An improved automobile headlamp of the replaceable bulb type characterised in that there is provided at the rear of said headlamp construction an annular member (6) which, in section, presents an inverted 'U' or channel shape, said member being provided at diametrically opposite locations with at least one aperture in the outer wall of the channel communicating with the atmosphere and at least one aperture in the inner wall of the channel communicating with the interior of the headlamp, the location of said aperture being such that when the headlamp is mounted within the body of the automobile the aperture in the inner wall is located at vertically the highest point of the annular member while the aperture in the outer wall is located at vertically the lowest

point of the annular member, the open end of the 'U'-shaped annular member being adapted to be sealed by annular sealing means and thus provide within said member an annular duct composed essentially of two arcuate passages, the first passage extending from the aperture in the outer wall of said annular member to that in the inner wall thereof and the second passage extending from the aperture in the inner wall of said annular member to the aperture in the outer wall thereof, the dimensions of the duct being such as to ensure easy exchange of air between the inside of the headlamp construction and the atmosphere.

(Provisional specification 16 pages).

Compl. Specn. 19 pages.

Fig. 1 sheet.

CLASS : 57 D.

157258

Int. Cl. : B61d 7/00.

"ACTUATING AND LOCKING MECHANISM FOR THE HOPPER DOORS OF A RAILROAD HOPPER CAR".

Applicant : ORTNER FREIGHT CAR COMPANY, A CORPORATION OF THE STATE OF OHIO, U.S.A., OF 6040 FIDELITY DRIVE, MILFORD, OHIO, U.S.A.

Inventor : STANLEY FUNK.

Application for Patent No. 687/Del/1981 filed on 26th October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

Actuating and locking mechanism for the hopper doors of a railroad hopper car having a longitudinally extending center sill or substantially inverted U-shaped cross section and a plurality of hopper doors arranged in opposed pairs and extending transversely of said center sill, said hopper doors of each opposed pair being swingable between a downwardly depending open position and a closed position wherein their bottom edges meet in abutting relationship, each of said opposed pairs of hopper doors having a pair of inner hopper sheets and a pair of outer hopper sheets, characterised by a door actuating means on each opposed pair of hopper doors to shift said doors between said open and closed positions, said door actuating means being operable from either side of the car; each said door actuating means for each opposed pair of hopper door comprising a rotatable shaft assembly extending transversely of said hopper car between its respective pair of opposed hopper doors and through said hopper car center sill and said inner and outer hopper sheets of said pair of hopper doors, said shaft assembly having a central portion located within said center sill, a lever structure non-rotatively mounted on said shaft center portion, said lever structure comprising a pair of substantially identical L-shaped lever portions in the same radial relationship with respect to said shaft center portion and in parallel spaced relationship with a spacer portion therebetween, each of said L-shaped lever portions having first and second legs, said first leg of said lever portions being connected to a first door of said pair by two V-shaped links pivotally attached at one end to said first door and pivotally attached at their other ends to their respective first leg, said second leg of said lever portions being connected to a second door of said pair by a single V-shaped link pivotally attached at one end to said second door and pivotally attached at its second end to and between said second legs, means on both ends of said shaft assembly by which either of said shaft assembly ends may be engaged by a rotation-imparting tool, said shaft assembly and said lever structure being rotatable between a first position in which said pair of hopper doors are in said downwardly depending open position and a second position in which said pair of hopper doors are in said closed position and said lever structure and said links are in an over-center position with respect to said shaft assembly.

Compl. Specn. 37 pages.

Drgs. 5 sheets.

3-457GI/85

CLASS : 145 E.

157259

Int. Cl. : D21c 9/00.

"A PROCESS FOR IMPROVING THE PROPERTIES OF HIGH YIELD PULP THROUGH CHEMICAL MODIFICATION".

Application : THE PRESIDENT, FOREST RESEARCH INSTITUTE & COLLEGES, DEHRA DUN, INDIA, AN INDIAN NATIONAL.

Inventors : DR. SURYAVIR SINGH, SHRI ANOOP KUMAR RAI, SHRI YATISH KUMAR SHARMA AND DR. SUBRAMANIAM RAMDAS GUHA.

Application for Patent No. 690/Del/81 filed on 28th October, 1981.

Complete specification left on 23rd December, 1982.

Appropriate Office for opposition Proceedings Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A process for improving the properties of high yield pulp which comprises in treating cold soda or ultra high yield pulp with chlorine at a temperature of 20 to 50°C subjecting the chlorinated pulp to the step of washing and thickening followed by sulphite treatment.

Provisional specification 4 pages).

Compl. Specn. 11 pages.

Drgs. 5 sheets.

CLASS : 6 A.

157260

Int. Cl. : F 17d- 1/10.

"CONTROL UNIT FOR AN AIR DISTRIBUTION SYSTEM".

Applicant : CARRIER CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT SYRACUSE, NEW YORK-13221, UNITED STATES OF AMERICA.

Inventor : CHARLES STEPHEN INGLIS.

Application for Patent No. 692/Del/1981 filed on 29th October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A control unit for an air distribution system comprising a housing having an inlet, an outlet and a flow path therebetween; damper means mounted in said flow path and having a curved blade mounted for rotation about an axis transverse to said flow path for movement between a closed position and an open position and coacting with said inlet for controlling flow through said flow path; and screen means attached to said blade and extending into said flow path when said blade is in an open position whereby at least a portion of said flow path is through said screen means.

Compl. Specn. 8 pages.

Drgs. 3 sheets.

CLASS : 33 H.

157261

Int. Cl. B22d 09/00.

"IMPROVED PROCESS FOR CASTING OF ALUMINIUM OR ALUMINIUM ALLOYS TO OBTAIN FINE GRAIN REFINING THEREOF.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, NEW DELHI-110 001, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : RAJENDRA KUMAR, CHITTUR SUBRAMANIAN SIVARAMA KRISHNAN AND RANJIT KUMAR MAHANTI.

Application for Patent No. 723/Del/1981 filed on 19th November, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

An improved process for casting of aluminium or aluminium alloys to obtain fine grain refining thereof comprising inoculating the molten metal with a wire of aluminium, titanium and boron, prior to solidification of the cast, at a temperature of 700 to 900°C the composition of metals used for the wire consists of 0.1 to 10% of titanium 0.5 to 4% by weight of boron the balance being aluminium.

(Complete specification 7 pages).

OPPOSITION PROCEEDINGS

(1)

The opposition entered by the Dharamsi Morarji Chemical Company Limited, Bombay to the grant of a patent on application No. 150871 made by the Fertilizers and Chemicals Travancore Limited, Cochin as notified in Part-III, Section 2 of the Gazette of India, dated the 16th May, 1983, has been allowed and the grant of a patent on application No. 150871 has been refused.

(2)

The opposition entered by M/s. Khaitan Fan Private Limited to the grant of a patent on application No. 155307 (96/Del/81) dated the 20th February, 1981 made by M/s. Jay Engineering Works Limited as notified in the Gazette of India, Part-III, Section 2 dated the 24th August, 1985 has been dismissed and ordered that a patent to be sealed.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(1)

Under Section 78(1) of the Patents Act, 1979 certain clerical errors occurring in the application and specification in respect of Patent No. 142008 were corrected on.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Patent Office, Calcutta and its branches at Bombay, Madras and New Delhi at two rupees per copy :—

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137751 137753 137754 137758 137759 137761 137762 137765
137767 137768 137771

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140230 140233 140235 140242 140249 140252 140256 140258
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140321 140325 140327 140328 140331 140332 140333 140334

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154182 154426 154614 154654 154660 154664 154672 154677
154792 154798 154802 154863 154951 154957 154958 154960
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140584 140869 140939 141000 141071 142130 142354 142391
142611 143016 143018 143020 143234 143449 143604 143722
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147207 147320 147352 147458 147591 147621 147705 147712
147737 147744 147889 147929 148043 148115 148296 148299
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153771 153772 153775 153778 153810 153822 153843 153850
153862 153976 153981 153983 153984 153986 154000 154001
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CESSATION OF PATENTS

144007 153361

REGISTRATION OF DESIGNS

The following designs have been regd. They are not open to inspection or a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 156186. Acrow India Limited, a Company incorporated under the Companies Act, of Sterling Centre, 5th floor, 16/2, Dr. Annie Besant Road, Worli, Bombay-400 018, State of Maharashtra, India. "Coupler". 29th October, 1985.

Class 1. No. 156187. Acrow India Limited, a Company incorporated under the Companies Act, of Sterling Centre, 5th floor, 16/2, Dr. Annie Besant Road, Worli, Bombay-400 018, State of Maharashtra, India. "Coupler". 29th October, 1985.

Class 1. No. 156188. Acrow India Limited, a Company incorporated under the Companies Act, of Sterling Centre, 5th floor, 16/2, Dr. Annie Besant Road, Worli, Bombay-400 018, State of Maharashtra, India. "Wedge Spigot Connector". 29th October, 1985.

Class 1. No. 156193. Acrow India Limited, a Company incorporated under the Companies Act, of Sterling Centre, 5th floor, 16/2, Dr. Annie Besant Road, Worli, Bombay-400 018, State of Maharashtra, India. "Column". 29th October, 1985.

Class 1. No. 155678. Khaitan Electricals Limited, of Plot No. 14, Sector-6, Faridabad-121006, Haryana, India, an Indian Company. "Exhaust Fan". 16th May, 1985.

Class 1. No. 155679. Khaitan Electricals Limited, of Plot No. 14, Sector-6, Faridabad-121006, Haryana, India, an Indian Company. "Fresh Air Fan". 16th May, 1985.

Class 1. No. 155681. Khaitan Electricals Limited, of Plot No. 14, Sector-6, Faridabad-121006, Haryana, India, an Indian Company. "Cooler Fan". 16th May, 1985.

Class 1. No. 155684. Khaitan Electricals Limited, of Plot No. 14, Sector-6, Faridabad-121006, Haryana, India, an Indian Company. "Industrial Fan". 16th May 1985.

Class 1. No. 155686. Khaitan Electricals Limited, of Plot No. 14, Sector-6, Faridabad-121006, Haryana, India, an Indian Company. "Automatic Storage Type Water Heater". 16th May, 1985.

Class 3. No. 155761. Kingsway Enterprises Private Limited, 12 Sham Nath Marg, Delhi-110054, India, an Indian Company. "Film Strip Viewers". 5th June, 1985.

Class 3. No. 155713. International Business Machines Corporation, a corporation organised and existing under the laws of the State of New York, United States of America, of Armonk, New York-10504, United States of America. a "Visual Display Device". 28th May, 1985.

Class 3. Nos. 155942, 155943. Industrie Face Standard Spa, a Public Liability Company organised under the Laws of Italy of Via Luigi Bodio 33-39, Milano 20158, Italy. "a Telephone Subset". 14th August, 1985.

Class 3. No. 156071. Tobu Enterprises Private Limited, 8/29, Kirti Nagar Industrial Area, New Delhi-110015, India. An Indian Company. "Tricycle". 24th September, 1985.

Class 3. No. 156072. Tobu Enterprises Private Limited, 8/29, Kirti Nagar Industrial Area, New Delhi-110015, India. An Indian Company. "Tricycle". 24th September, 1985.

Extn. of Copyright for the Second period of five years.

Nos. 154689, 154718, 154782. Class-1.

Nos. 155705, 150478. Class-3.

No. 150847. Class-12.

Extn. of Copyright for the Third period of five years.

Nos. 154689, 154718, 154782. Class-1.

No. 155705. Class-3.

Names of Indexes of Applicants in respect of Patent Office and its branches for the month of April, 1985 Nos. (243/Cal/85 to 331/Cal/85, 80/Bom/85 to 118/Bom/85, 251/Mas/85 to 331/Mas/85 and 280/Del/85 to 371/Del/85).

Name	Appln. No.
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—A—

AE Plc—329/Mas/85.

Abex Corporation—262/Mas/85.

Abrasivos De Espana S.A.—295/Del/85.

Agarwal A. K.—282/Del/85.

AKBARALLYS—98/Bom/85, 99/Bom/85, 100/Bom/85, 101/Bom/85.

Alcan International Limited 275/Mas/85.

Allflex International Limited—275/Cal/85.

Aluminium Pochiney—302/Mas/85.

American Flange & Manufacturing Co. Inc.—293/Del/85.

Anand Medicaids Private Limited—344/Del/85.

Anderson Strathclyde PLC—281/Del/85.

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Avery International Corporation—296/Del/85.

—B—

BBC Brown, Boveri & Company Ltd—251/Mas/85, 271/Mas/85, 316/Mas/85, 317/Mas/85.

B. F. Goodrich Company, The—369/Del/85.

Babcock & Wilcox Company, The—244/Cal/85.

Babcock & Wilcox The—330/Cal/85.

Babcock & Wilcox Co., The—300/Del/85.

Bobcock-Hitachi Kabushiki Kaisha—302/Mas/85.

Beblec (I) Private Limited—323/Mas/85.

Beloit Corporation—248/Cal/85.

Bhakta, M.—326/Cal/85.

Bharat Heavy Electricals Ltd—306/Del/85, 308/Del/85, 309/Del/85.

Bharati, I.K.—80/Bom/85, 84/Bom/85.

Bhose, D.—311/Cal/85.

Bhuiya, S.K.—309/Cal/85.

Bowers, R. M.—331/Cal/85.

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Brocco, E.—310/Mas/85.

Broken Hill Proprietary Co. Ltd. The—371/Del/85.

—C—

Cabot Corporation—303/Mas/85.

Card-O-Matic Pty. Ltd.—332/Del/85.

Carrier Corporation—250/Cal/85, 251/Cal/85, 252/Cal/85, 253/Cal/85, 254/Cal/85 and 255/Cal/85.

Centre De Recherche Industrielle Du Quebec—305/Mas/85.

Century Spinning & Manufacturing Company Ltd.—104/Bom/85, 105/Bom/85 and 106/Bom/85.

Ceraver—330/Del/85.

Chai, F.C.—343/Del/85.

Chakraborty, B.K.—326/Cal/85.

Chaugule, P.J.—94/Bom/85.

Choudhary, Dr. S.—307/Del/85.

Ciba Geigy A. G.—308/Mas/85 and 309/Mas/85.

Combustion Engineering Inc.—329/Cal/85.

Concast Service Union AG—277/Cal/85.

Contractor, E.N.—117/Bom/85 and 118/Bom/85.

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—D—

DRG (U.K.) Limited—263/Mas/85.
D. Swarovski & Co.—256/Cal/85.
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Dearborn Chemical Co., Ltd.—315/Del/85.
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Dharam Pal Premchand Ltd.—349/Del/85 and 350/Del/85.
Duran, M.—287/Del/85.
Dutta, (Ms.) A.—292/Cal/85.

—E—

E. I. Du Pont De Nemours and Company—318/Cal/85.
Eaton Corporation—290/Cal/85.
Elektramerik Systems Pvt. Ltd.—85/Bom/85.
Elkem a/s.—264/Mas/85.
Esselte Meto International GMBH—266/Cal/85.
Etablissement Gersan—258/Mas/85.
Eurocel tioue, S.A.—317/Cal/85.
Evans, J.W.—325/Cal/85.

—F—

F. L. Smidth & Co.—259/Mas/85 and 260/Mas/85.
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Firestone tire & rubber Co. The—345/Del/85 346/Del/85.
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—G—

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Ghosh, M. K.—292/Cal/85.
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Glaxo Laboratories (I) Ltd.—90/Bom/85.
Godrej Soaps Limited—93/Bom/85.
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Grover, P.D.—312/Del/85.
Gujarat Narmada Valley-Fertilizers Company Ltd.—95/Bom/85.
Gulf & Western Manufacturing Company—255/Mas/85.
Gupta, B. K.—338/Del/85.
Gupta, S. K. (Dr.)—300/Cal/85.

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—H—

Hagenbuch, L.G.—296/Mas/85.
Halcon SD Group, Inc. The—347/Del/85 and 348/Del/85.
Hattori, M.—267/Cal/85.
Health Care Concepts, Inc.—108/Bom/85.
Hindustan Lever Ltd—103/Bom/85 and 112/Bom/85.
Hoechst Aktiengesellschaft—304/Mas/85.
Hoesch Aktiengesellschaft—249/Cal/85.
Honda Giken Kogyo Kabushiki Kaisha—283/Mas/85, 284/Mas/85 and 285/Mas/85.
Huang, H.C.L.—87/Bom/85 and 88/Bom/85.
Hughes Aircraft Co.—292/Del/85.
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—I—

ICI Australia Ltd.—298/Del/85.
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Indian Institute of Technology—259/Cal/85 and 262/Cal/85.
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Institut Sverkhivverdikh Materialov Akademii Nauk Ukrainskoi SSR.—322/Del/85.
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Jakob Preh, Nachf GmbH & Co.—315/Cal/85.
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John Vincent Moore Pty. Ltd.—313/Del/85.
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—K—

Kabel Und Metallwerke Gutehoffnungshütte AG—243/Cal/85.
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Kabelschlepp GmbH—89/Bom/85.
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Kenderi, T.—325/Mas/85.
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Kumar, A.—366/Del/85.

—L—

Lim Kunststoff Technologie Ges m.b.H.—283/Del/85.
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Lohman, R.—307/Cal/85.

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Lubrizol Corporation, The—272/Cal/85.	
Lyntech Corporation—355/Del/85.	
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Mathoda, R.S.—318/Del/85.	
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N.I.I. Po Cherna Metalurgiya—301/Mas/85.	
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Narayanamoorthy, S.—288/Mas/85.	
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Nauchno-Proizvodstven noe obiedinenie po Tekhnologii Mashinostroenie—365/Del/85.	
Nederlandse Centrale Organisatie Voor Toegepastnatuurwetenschappelijk Onderzoek—324/Cal/85.	
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PPG Industries, Inc.—280/Del/85.	
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Patnaik, L.—323/Cal/85.	
Pfizer Corporation—285/Del/85.	
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Pathe Marconi Emi, S.A.—364/Del/85.	
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Preformed Line Products Company—269/Mas/85.	
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Ramachandran, C.—273/Mas/85.	
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Tandon, M.L.—97/Bom/85.	
Tondon, M.P.—110/Bom/85 and 11/Bom/85.	
Tarena, F.O.—310/Mas/85.	

<i>Name</i>	<i>Appln. No.</i>
Tetra Pak International AB.—278/Mas/85.	
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Thomson, H.—335/Del/85.	
Theoder Hymmen—306/Mas/85 and 307/Mas/85.	
Thermo King Corporation—322/Cal/85.	
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—U—	
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Union Carbide India Limited—310/Cal/85.	
Urecon-Anstalt—319/Mas/85.	
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Vainini Industria S.p.A.—303/Cal/85.	
Vallourec—316/Del/85.	
Vam Organic Chemicals Ltd.—304/Del/85.	
Venkatadri, Dr. A.S.—300/Cal/85.	
Vickers Incorporated—319/Cal/85 and 320/Cal/85.	

<i>Name</i>	<i>Appln. No.</i>
Viessmann Dr. H.—298/Cal/85.	
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W.L. Core & Associates, Inc.—299/Mas/85.	
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Warman International Limited—296/Cal/85.	
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Westinghouse Brake and Signal Co. Ltd.—297/Del/85, 311/Del/85 and 327/Del/85.	
Westinghouse Electric Corporation—245/Cal/85 and 246/Cal/85.	
White Consolidated Industries, Inc.—289/Del/85.	

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